

LISTING OF CLAIMS

This listing of claims will replace all prior versions, and listings of claims in the application:

1-5. **(Canceled).**

6. **(Currently amended)** An isolated nucleic acid molecule encoding a ~~WW domain of a Pin1 polypeptide~~an amino acid sequence consisting of amino acids 5-43 of SEQ ID NO:2 or a functional fragment thereof that binds to NIMA, or a complement of the encoding nucleic acid molecule.

7. **(Previously presented)** The isolated nucleic acid molecule of claim 6 encoding amino acids 5-43 of SEQ ID NO:2 or the complement thereof.

8-9. **(Canceled).**

10. **(Previously presented)** The isolated nucleic acid molecule of claim 6 consisting of nucleotides 13-129 of SEQ ID NO:1.

11-19. **(Canceled).**

20. **(Currently amended)** An isolated nucleic acid molecule encoding a ~~PPIase domain of a Pin1 polypeptide~~an amino acid sequence consisting of amino acids 59-163 of SEQ ID NO:2 or a functional fragment thereof having peptidyl prolyl isomerase activity, or a complement of the nucleic acid molecule.

21. **(Previously presented)** The isolated nucleic acid molecule of claim 20 encoding amino acids 59-163 of SEQ ID NO:2 or the complement thereof.

22-23. **(Canceled).**

24. **(Previously presented)** The isolated nucleic acid molecule of claim 20 consisting of nucleotides 175-489 of SEQ ID NO:1.

25-30. **(Canceled).**

31. **(Previously presented)** An isolated nucleic acid molecule encoding a fragment of a Pin1 polypeptide, which Pin1 polypeptide consists of amino acid residue 1-163 of SEQ ID NO:2, wherein the encoded fragment comprises amino acid residues 5-43 of SEQ ID NO:2 and binds to NIMA

32. **(Previously presented)** An isolated nucleic acid molecule encoding a fragment of a Pin1 polypeptide, which Pin1 polypeptide consists of amino acid residue 1-163 of SEQ ID NO:2, wherein the encoded fragment comprises amino acid residues 59-163 of SEQ ID NO:2 and has peptidyl prolyl isomerase activity.

33-34. **(Canceled).**

35. **(Previously presented)** A vector comprising the isolated nucleic acid molecule of claim 6, 20, 31, or 32.

36. **(Currently amended)** An isolated host cell comprising the vector of claim 35.